Ontario

Ministry of
Northern Development
and Mines

Sean Conway Minister of Mines

ONTARIO GEOLOGICAL SURVEY

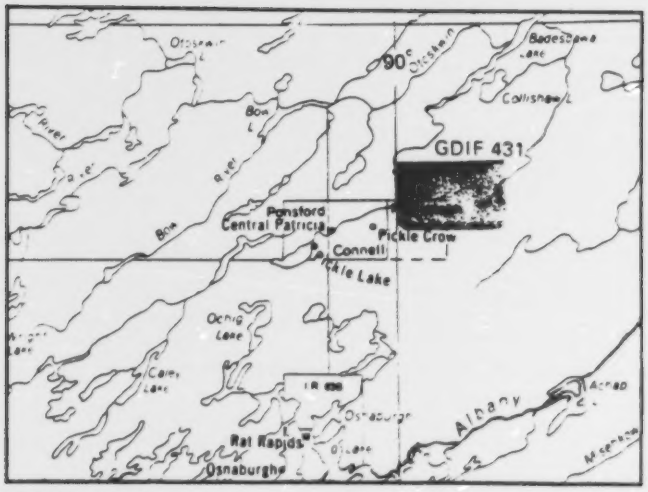
GEOLOGICAL DATA INVENTORY FOLIO

GDIF 431

# FIRST LOON LAKE AREA

DISTRICT OF KENORA
(PATRICIA PORTION)

Compiled by the Staff of
the Resident Geologist's Office
Sioux Lookout




LOCATION MAP

Scale: 1:1 013 760 or 1 inch=16 miles

88-02303/

NTS Number 52P/12SW

Mining Claim Map Number G-2037

STATEMENT: This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Ontario Geological Survey

1988: First Loon Lake Area, District of Kenora - Patricia Portion; Ontario Geological Survey, Geological Data Inventory Folio 431, compiled by the staff of the Resident Geologist's Office in Sioux Lookout, 29 p. and 3 maps.

Original Compilation by: C. Proctor, M. Roy

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# CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

| CONVERSION FROM SI TO IMPERIAL | | | CONVERSION FROM IMPERIAL TO SI | | |
|---|---|---|---|---|---|
| *SI Unit* | *Multiplied by* | *Gives* | *Imperial Unit* | *Multiplied by* | *Gives* |
| | | | LENGTH | | |
| 1 mm | 0.039 37 | inches | 1 inch | **25.4** | mm |
| 1 cm | 0.393 70 | inches | 1 inch | **2.54** | cm |
| 1 m | 3.280 84 | feet | 1 foot | **0.304 8** | m |
| 1 m | 0.049 709 7 | chains | 1 chain | 20.116 8 | m |
| 1 km | 0.621 371 | miles (statute) | 1 mile (statute) | **1.609 344** | km |
| | | | AREA | | |
| 1 $cm^2$ | 0.155 0 | square inches | 1 square inch | **6.451 6** | $cm^2$ |
| 1 $m^2$ | 10.763 9 | square feet | 1 square foot | **0.092 903 04** | $m^2$ |
| 1 $km^2$ | 0.386 10 | square miles | 1 square mile | 2.589 988 | $km^2$ |
| 1 ha | 2.471 054 | acres | 1 acre | 0.404 685 6 | ha |
| | | | VOLUME | | |
| 1 $cm^3$ | 0.061 02 | cubic inches | 1 cubic inch | **16.387 064** | $cm^3$ |
| 1 $m^3$ | 35.314 7 | cubic feet | 1 cubic foot | 0.028 316 85 | $m^3$ |
| 1 $m^3$ | 1.308 0 | cubic yards | 1 cubic yard | 0.764 555 | $m^3$ |
| | | | CAPACITY | | |
| 1 L | 1.759 755 | pints | 1 pint | 0.568 261 | L |
| 1 L | 0.879 877 | quarts | 1 quart | 1.136 522 | L |
| 1 L | 0.219 969 | gallons | 1 gallon | **4.546 090** | L |
| | | | MASS | | |
| 1 g | 0.035 273 96 | ounces (avdp) | 1 ounce (avdp) | 28.349 523 | g |
| 1 g | 0.032 150 75 | ounces (troy) | 1 ounce (troy) | **31.103 476 8** | g |
| 1 kg | 2.204 62 | pounds (avdp) | 1 pound (avdp) | **0.453 592 37** | kg |
| 1 kg | 0.001 102 3 | tons (short) | 1 ton (short) | **907.184 74** | kg |
| 1 t | 1.102 311 | tons (short) | 1 ton (short) | **0.907 184 74** | t |
| 1 kg | 0.000 984 21 | tons (long) | 1 ton (long) | **1016.046 908 8** | kg |
| 1 t | 0.984 206 5 | tons (long) | 1 ton (long) | **1.016 046 908 8** | t |
| | | | CONCENTRATION | | |
| 1 g/t | 0.029 166 6 | ounce (troy)/ ton (short) | 1 ounce (troy)/ ton (short) | 34.285 714 2 | g/t |
| 1 g/t | 0.583 333 33 | pennyweights/ ton (short) | 1 pennyweight/ ton (short) | 1.714 285 7 | g/t |

**OTHER USEFUL CONVERSION FACTORS**

| | | |
|---|---|---|
| 1 ounce (troy)/ton (short) | 20.0 | pennyweights/ton (short) |
| 1 pennyweight/ton (short) | 0.05 | ounce (troy)/ton (short) |

**One gram(g) per tonne is equivalent to one part per million (1 ppm).**

NOTE–Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

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## ACCOMPANYING MAPS


Property Location Map 2
Exploration Data Map 1
Map Scale 1: 31 680 or 1 inch to ½ mile

# DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no'; if reference data was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

| | SOURCES OF DATA | Data | Initial |
|---|---|---|---|
| 1 | Resident Geologist's Office Files | YES | CJP |
| 2 | Assessment Files Research Office, Toronto | N/A | CJP |
| 3 | ODM General Index; 9 volumes | YES | CJP |
| 4 | Catalogue of Airborne Geophysical Surveys (ODM) | YES | CJP |
| 5 | ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars | YES | CJP |
| 6 | ODM Industrial Mineral Reports | NO | CJP |
| 7 | Bibliography of Post Precambrian Theses - Karrow (ODM MP 1) | NO | CJP |
| 8 | Bibliography of Precambrian Theses - Ginn (ODM MP 2) | NO | CJP |
| 9 | Newspaper Clippings File | YES | CJP |
| 10 | GSC Index to Publications | YES | CJP |
| 11 | OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77 | YES | CJP |
| 12 | OGS Index Maps | YES | CJP |
| 13 | Source Mineral Deposit Records (O.G.S.) | YES | CJP |
| 14 | Author - Subject Articles File | NO | CJP |
| 15 | Miscellaneous Papers: ODM & OGS | YES | CJP |
| 16 | ODM Geological Circulars: OGS Study Series | NO | CJP |
| 17 | ODM Preliminary Reports: ODM Bulletins | NO | CJP |
| 18 | ODM – OGS Open File Reports | YES | CJP |
| 19 | OGS Northern Ontario Engineering Geology Terrain Studies | NO | CJP |
| 20 | OGS Aggregate Resources Inventory Papers | NO | CJP |
| 21 | OGS Mineral Potential Maps | YES | CJP |
| 22 | Aerial Photos Filed in the Sioux Lookout Office | YES | CJP |
| 23 | Unpublished Theses | NO | CJP |

# METALS AND MINERALS REFERENCES LIST

| | | | |
|---|---|---|---|
| △ anh. . . . . .Anhydrite | △ fu. . . . . .Fuchsite | △ Ni. . . . . Nickel | △ st . . . . . .Stone |
| △ ank. . . . . .Ankerite | △ gn. . . . . Galena | △ Nb . . . . . .Niobium | △ talc. . . . . .Talc |
| △ anna . . . . . Annabergite | △ gt . . . . . Garnet | △ Pd . . . . . .Palladium | △ Te . . . . . .Tellurium |
| △ ap. . . . . .Apatite | △ goe . . . . . .Goethite | △ peat . . . . . .Peat | △ td. . . . . Tetrahedrite |
| △ arg . . . . . Argentite | ▲ Au . . . . . Gold | △ pent . . . . . .Pentlandite | △ th. . . . . .Thorite |
| △ As . . . . . .Arsenic | △ gf . . . . . .Graphite | △ Pt. . . . . .Platinum | △ Th . . . . . .Thorium |
| △ asp . . . . . .Arsenopyrite | △ gl . . . . . Gravel | △ py . . . . . .Pyrite | △ thuc . . . . . Thucholite |
| △ asb . . . . . .Asbestos | △ gyp. . . . . Gypsum | △ pyl . . . . . Pyrochlore | △ ti . . . . . Titanite |
| △ ba. . . . . .Barite | △ hem . . . . . Hematite | △ pyrl . . . . . .Pyrolusite | △ Ti. . . . . Titanium |
| △ be. . . . . .Beryl | △ il . . . . . .Ilmenite | △ po . . . . . .Pyrrhotite | △ tour . . . . . .Tourmaline |
| △ Bi. . . . . .Bismuth | ▲ Fe . . . . . .Iron | △ q . . . . . .Quartz | △ trap . . . . . .Trap rock |
| △ bn . . . . . .Bornite | △ IF. . . . . Iron Formation | △ qcv . . . . .Quartz carbonate vein | △ W. . . . . Tungsten |
| △ bran . . . . . .Brannerite | △ jas . . . . . Jasper | △ ra. . . . . .Radioactive minerals | △ uran . . . . . Uraninite |
| △ bruc . . . . . .Brucite | △ kaol . . . . . .Kaolinite (kaolin) | △ RE . . . . . .Rare E> ths | △ U . . . . . .Uranium |
| △ Cd . . . . . Cadmium | △ ky . . . . . Kyanite | △ sd. . . . . Sand | △ verm . . . . . .Vermiculite |
| △ calc. . . . . Calcite | △ Pb . . . . . Lead | △ sgl . . . . . Sand and gravel | △ Y . . . . . Yttrium |
| △ carb . . . . . .Carbonate | △ lim . . . . . Limonite | △ ss . . . . . .Sandstone | ▲ Zn . . . . . .Zinc |
| △ cel . . . . . .Celestite | △ Li. . . . . Lithium | △ scap . . . . . Scapolite | △ zr. . . . . Zircon |
| △ cc. . . . . .Chalcocite | △ mgst . . . . . .Magnesite | △ shee . . . . . .Scheelite | |
| △ cp. . . . . .Chalcopyrite | △ mag . . . . . .Magnetite | △ serp . . . . . Serpentine | |
| △ ch. . . . . .Chert | △ mc . . . . . .Malachite | △ sh. . . . . .Shale | |
| △ clay . . . . . .Clay | △ Mn . . . . . Manganese | △ sid . . . . . Siderite | |
| △ Co . . . . . Cobalt | △ mb . . . . . .Marble | △ si . . . . . .Silica | |
| △ cob. . . . . Cobaltite | △ mar. . . . . Marcasite | ▲ Ag . . . . . .Silver | |
| △ cb. . . . . .Columbite | △ ma . . . . . .Marl | △ sl . . . . . Slate | |
| ▲ Cu . . . . . .Copper | △ mi . . . . . Mica | △ sm . . . . . .Smaltite | |
| △ cor . . . . . Corundum | △ ml . . . . . .Millerite | △ sod. . . . . .Sodalite | |
| △ dol . . . . . Dolomite | △ mo . . . . . Molybdenite | △ spec . . . . . Specularite | |
| △ ep. . . . . Epidote | △ Mo . . . . . .Molybdenum | △ sp. . . . . .Sphalerite | |
| △ ery . . . . . Erythrite | △ mon . . . . . Monazite | △ spd. . . . . .Spodumene | |
| △ fel . . . . . .Feldspar | △ ne. . . . . Nephelite (nepheline) | △ staur . . . . . .Staurolite | |
| △ fl . . . . . .Fluorite (flurospar) | △ nc. . . . . .Niccolite | △ stib. . . . . Stibnite | |

Solid triangles indicate metal and mineral occurrences shown on the accompanying maps.

## MINERAL OCCURRENCES

| Map Ref. Letter | Name(s) | Mineralization | Source Mineral Deposit Record | References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports | Additional References and/or Remarks |
|---|---|---|---|---|---|
| A | FIRSTLOON LAKE EAST | Zn, Cu | KP0220 | | Au,Ag-Minor occurrences<br>AFRO 1972, Firstloon Lake Area, DHR 14<br>OGS 1982, Report 207, p.105/6<br>Map 2218 |
| B | MALONEY | Cu | KP0267 | | NMI File, 52P/12 CU01<br>SMDR File #00533<br>OGS 1963, MRC 12, p.188 |
| C | KAWINOGANS RIVER OCCURRENCE | Fe | | | MRC 11, p.227<br>Map 39a<br>ODM 1938, Vol. XLVII, pt.2, p.16, 50. |

GDIF FORM NO.

| TYPE OF WORK | | Numbers below represent the year in which the work was done;e.g.,.68 for 1968. | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE | | GEOLOGICAL | GEOCHEMICAL | TRENCHING, STRIPPING | DRILLING | ASSAY DATA | UNDERGROUND WORK | PROSPECTUS, NOTES, CORRESPONDENCE | AIRBORNE MAGNETOMETER | AIRBORNE ELECTROMAGNETIC | AIRBORNE RADIOMETRIC | GROUND MAGNETOMETER | GROUND ELECTROMAGNETIC | GROUND RADIOMETRIC | INDUCED POLARIZATON | SELF POTENTIAL | RESISTIVITY | | | |
| COMPANY/AUTHOR (file number) | | | | | | | | | | | | | | | | | | | | | |
| A | CANADIAN NICKEL C L<br>UMEX CORP L<br>(52P/12SW-0010-A1) | | | | 71/<br>73 | | | | | | | | | | | | | | | | |
| B | CANADIAN NICKEL C L<br>(52P/12SW-0010-C1) | | | | 71 | | | | | | | | | | | | | | | | |
| C | CANADIAN NICKEL C L<br>(52P/12SW-0010-D1) | | | | 71 | | | | | | | | | | | | | | | | |
| D | CONWEST EXPLORATION C L<br>(52P/12SW-0010-E1) | | | | 72 | | | | | | | | | | | | | | | | |
| E | CONWEST EXPLORATIONS C L<br>(52P/12SW-0011-A1) | | | | 72 | | | | | | | | | | | | | | | | |
| F | CONWEST EXPLORATIONS C L<br>(52P/12SW-0011-B1) | | | | 72 | | | | | | | | | | | | | | | | |
| G | UMEX CORPORATION L<br>(52P/12SW-0011-C1) | | | | 72 | | | | | | | | | | | | | | | | |
| H | UMEX CORPORATION L<br>(52P/12SW-0011-D1) | | | | 72 | | | | | | | | | | | | | | | | |
| I | UMEX CORPORATION L<br>(52P/12SW-0011-E1) | | | | 72 | | | | | | | | | | | | | | | | |

GDIF FORM NO. 2

## TYPE OF WORK

Numbers below represent the year in which the work was done; e.g., 68 for 1968.

| | EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE — COMPANY/AUTHOR (file number) | GEOLOGICAL | GEOCHEMICAL | TRENCHING, STRIPPING | DRILLING | ASSAY DATA | UNDERGROUND WORK | PROSPECTUS, NOTES, CORRESPONDENCE | AIRBORNE MAGNETOMETER | AIRBORNE ELECTROMAGNETIC | AIRBORNE RADIOMETRIC | GROUND MAGNETOMETER | GROUND ELECTROMAGNETIC | GROUND RADIOMETRIC | INDUCED POLARIZATION | SELF POTENTIAL | RESISTIVITY | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J | UMEX CORPORATION L (52P/12SW-0012-A1) | | | | 72 | | | | | | | | | | | | | | | |
| K | UMEX CORPORATION L (52P/12SW-0012-B1) | | | | 73 | | | | | | | | | | | | | | | |
| L | UMEX CORPORATION L (52P/12SW-0012-C1) | | | | 73 | | | | | | | | | | | | | | | |
| M | UMEX CORPORATION L (52P/12SW-0012-D1) | | | | 73 | | | | | | | | | | | | | | | |
| N | CONWEST EXPLORATION C L (52P/12SE-0011) | | | | | | | | 71 | 71 | | | | | | | | | | |
| O | UMEX CORPORATION L (52P/12SW-0014) | | | | | | | | | | | 71 | 71 | | | | | | | |
| P | BANKUR PATRICIA G MINES (52P/12SW-0015-A1) | | | | | | | | | | | 46 | | | | | | | | |
| Q | GALLANT GOLD MINES L (52P/12SW-0015-B1) | | | | | 82 | | | | | | 82 | 82 | | | | | | | |
| R | CONWEST EXPLORATION L (52P/12SW-0016) | | | | | | | | | | | 71 | 71 | | | | | | | |

FORM NO. 1

FIRST LOON LAKE AREA

| TYPE OF WORK | | Numbers below represent the year in which the work was done; e.g., 68 for 1968. | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE | | GEOLOGICAL | GEOCHEMICAL | TRENCHING, STRIPPING | DRILLING | ASSAY DATA | UNDERGROUND WORK | PROSPECTUS, NOTES, CORRESPONDENCE | AIRBORNE MAGNETOMETER | AIRBORNE ELECTROMAGNETIC | AIRBORNE RADIOMETRIC | GROUND MAGNETOMETER | GROUND ELECTROMAGNETIC | GROUND RADIOMETRIC | INDUCED POLARIZATON | SELF POTENTIAL | RESISTIVITY | | | |
| COMPANY/AUTHOR (file number) | | | | | | | | | | | | | | | | | | | | | |
| | S COWE, I F (52P/12SW-0017-A1) | 60 | | | | | | | | | | 60 | 60 | | | | | | | | |
| | T SUCCESS MINES L (52P/12SW-0017-B1) | 60 | | | | 60 | | | | | | 60 | 60 | | | | | | | | |
| | U CROWSHORE PATRICIA (52P/12SW-0018-A1) | 47 | | | | 47 | | | | | | | | | | | | | | | |
| | V CONWEST EXPLORATION C L (52P/12SW-0019-A1) | | | | | 72 | | | | | | | | | | | | | | | |
| 1 | W UNION MINIERE C L<br>CONWEST EXPL C L<br>CANADIAN NICKEL C L<br>(52P/12SE-0010) | | | | | | | | 71 | 71 | | | | | | | | | | | |
| 2 | X CROWSHORE GOLD MINES L (52P/12SW-0019-C1) | 38 | | | | | | 38 | | | | | | | | | | | | | |
| | Y CENTRAL PATRICIA GOLD M<br>CONWEST EXPLORATION C L<br>(52P/12NW-0015) | 48 | | | 48 | 48 | | | | | | | | | | | | | | | |
| | Z KAW CROW PATRICIA<br>WINOGA PATRICIA GOLD M<br>(520/09SE-0031) | 36 | | | | | | 36 | | | | 36 | 36 | | | | | | | | |

Notes:

1. Property W covers entire map area
2. Property X is not defined and therefore not plotted.

GDIF FORM NO. 7

FIRST LOON LAKE AREA

| TYPE OF WORK | | Numbers below represent the year in which the work was done; e.g., 68 for 1968. | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE | | GEOLOGICAL | GEOCHEMICAL | TRENCHING, STRIPPING | DRILLING | ASSAY DATA | UNDERGROUND WORK | PROSPECTUS, NOTES, CORRESPONDENCE | AIRBORNE MAGNETOMETER | AIRBORNE ELECTROMAGNETIC | AIRBORNE RADIOMETRIC | GROUND MAGNETOMETER | GROUND ELECTROMAGNETIC | GROUND RADIOMETRIC | INDUCED POLARIZATON | SELF POTENTIAL | RESISTIVITY | | | |
| COMPANY/AUTHOR (file number) | | | | | | | | | | | | | | | | | | | | |
| 3 AA | KAW CROW PATRICIA (52P/12SW-0013) | 37 | | | 36<br>37 | 37 | | | | | | | | | | | | | | |
| AB | UMEX CORPORATION L<br>INCO L<br>(520/09SE-0035) | | | | 73 | | | | | | | | | | | | | | | |
| AC | BILLITON CANADA L (52P/12SW-0020) | 84 | | | | | | | | | | 84 | 84 | | | | | | | |
| AD | VAN HORNE GOLD (52P/12SW-0021) | 84 | 84 | | | | | | | | | | | | | | | | | |
| AE | ONTARIO L (591343)<br>VAN HORNE GOLD<br>(52P/12SW-0022) | | | | | | | | | | | 84 | 84 | | | | | | | |
| AF | WALDIE, S J<br>WALDIE, R I<br>(52P/12SW-0023) | | | | | | | | | | | 86 | 86 | | | | | | | |
| AG | BILLITON CANADA L (52P/12SW-0024) | 86 | | | | | | | | | | | | | | | | | | |
| AH | KERR ADDISON MINES L (52P/12SW-0026) | | | | | | | | 86 | 86 | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | |

Note 3..... AA refers to an unknown area and therefore is not plotted on the map.

GDI FORM NO. 3

| TYPE OF WORK | | Numbers below represent the year in which the work was done; e.g., 68 for 1968. | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE | | GEOLOGICAL | GEOCHEMICAL | TRENCHING, STRIPPING | DRILLING | ASSAY DATA | UNDERGROUND WORK | PROSPECTUS, NOTES, CORRESPONDENCE | AIRBORNE MAGNETOMETER | AIRBORNE ELECTROMAGNETIC | AIRBORNE RADIOMETRIC | GROUND MAGNETOMETER | GROUND ELECTROMAGNETIC | GROUND RADIOMETRIC | INDUCED POLARIZATON | SELF POTENTIAL | RESISTIVITY | | | |
| COMPANY/AUTHOR (file number) | | | | | | | | | | | | | | | | | | | | |
| AI | KERR ADDISON MINES L (52P/12SW-0025) | | | | | | | | 86 | 86 | | | | | | | | | | |
| AJ | KERR ADDISON MINES L (52P/12SW-0027) | | | | 86 | 86 | | | | | | | | | | | | | | |
| AK | POWER EXPLORATIONS (52P/12SW-0028) | | | | 87 | | | | | | | | | | | | | | | |
| AL | POWER EXPLORATIONS (52P/12SW-0029) | | | | 87<br>86 | | | | | | | | | | | | | | | |
| AM | POWER EXPLORATIONS (52P/12SW-0030) | | | | 87 | | | | | | | | | | | | | | | |

## DRILLHOLE SUMMARY

| Map Drilling Location Number | Company Name | Company Drillhole Number | Date Drilled Completed | Bearing Azimuth Degrees | Initial Dip of Hole Degrees | Thickness of Overburden Feet | Total Length of Hole Feet | Mineralization Noted in Log | Assay Data Included for |
|---|---|---|---|---|---|---|---|---|---|
| 1 | CANADIAN NICKEL (UMEX CORP L) | 49216 | 1971 | 360 | -45 | 70.0 | 170.0 | py,po,mo | -- |
| 2 | | 49244 | 1971 | 360 | -45 | 17.8 | 162.0 | -- | -- |
| 3 | | 49220 | 1971 | 90 | -55 | 75.0 | 190.0 | py,po,cp | -- |
| 4 | | 49221 | 1971 | 360 | -45 | 39.0 | 173.0 | py,po,cp,IF | -- |
| 5 | | C-134 | 1973 | 135 | -45 | 59.0 | 200.0 | py,po,cp | -- |
| 6 | | 49222 | 1971 | 180 | -45 | 49.0 | 173.0 | py,po,gf | -- |
| 7 | | 49223 | 1971 | 160 | -45 | 33.0 | 171.0 | py,po | -- |
| 8 | | 49224 | 1971 | 180 | -45 | 47.0 | 161.0 | py,po,mag | -- |
| 9 | CONWEST EXPLORATIONS | 1014-72-1A | 1972 | 180 | -55 | 54.0 | 551.4 | py,po,mag,gf | Cu,Ni,Zn, Au,Ag |
| 10 | | 1014-72-2 | 1972 | 180 | -45 | 49.0 | 399.0 | py,po,sp,cp | Cu,Ni,Zn, Au,Ag |
| 11 | | 1014-72-3 | 1972 | 165 | -45 | 18.0 | 482.4 | py,po,cp,mag | Cu,Ni,Zn Au,Ag |
| 12 | UMEX CORPORATION L | C29 | 1972 | 180 | -50 | 72.0 | 536.0 | gt,po,gf,cp | -- |
| 13 | | C32 | 1972 | 180 | -50 | 33.0 | 421.0 | mag,gf,po,py | -- |
| 14 | | C-36 | 1972 | 120 | -60 | 45.0 | 350.0 | lim,py,po | -- |
| 15 | | C-123 | 1972 | 300 | -45 | 45.0 | 495.0 | mag | -- |

GDIF FORM NO. 3

## DRILLHOLE SUMMARY

| Map Drilling Location Number | Company Name | Company Drillhole Number | Date Drilled Completed | Bearing Azimuth Degrees | Initial Dip of Hole Degrees | Thickness of Overburden Feet | Total Length of Hole Feet | Mineralization Noted in Log | Assay Data Included for |
|---|---|---|---|---|---|---|---|---|---|
| 16 | UMEX CORPORATION L | C-124 | 1972 | 120 | -45 | 14.0 | 358.0 | py,po | -- |
| 17 | | C-137 | 1973 | 165 | -45 | 32.0 | 246.0 | po,cp,mag | -- |
| 18 | | C-139A | 1973 | 295 | -55 | 112.0 | 337.0 | -- | -- |
| 19 | | C-142 | 1973 | 140 | -45 | 78.0 | 218.0 | gf | -- |
| 20 | KAW CROW PATRICIA GOLD M | M-1 | 1936 | 339 | -45 | 5.0 | 123.0 | po | -- |
| | | M-2 | 1936 | 159 | -40 | 5.0 | 125.0 | po | -- |
| | | M-3 | 1937 | 140 | -30 | 88.0 | 501.0 | py,po,cp | -- |
| 21 | | M-4 | 1937 | 136 | -37 | 67.0 | 498.0 | tour,po | -- |
| 22 | KERR ADDISON MINES L | KAF-86-1 | 1986 | 142 | -45 | 75.0 | 329.0 | py,po | Au,Ag,Cu, |
| 23 | | KAF-86-2 | 1986 | 142 | -45 | 82.5 | 429.0 | py,po,mag | Au,Ag,Cu, |
| 24 | | KAF-86-3 | 1986 | 142 | -45 | 68.0 | 328.0 | mag | Au,Ag,Cu, |
| 25 | | KAF-86-4 | 1986 | 142 | -45 | 85.0 | 289.0 | py | Au,Ag,Cu,Zn |
| 26 | | KAF-86-5 | 1986 | 142 | -45 | 9.0 | 358.0 | po,mag. | Au,Ag,Cu, |
| 27 | | KAF-86-8 | 1986 | 142 | -45 | 68.0 | 398.0 | po,mag | Au,Ag |
| 28 | | KAF-86-9 | 1986 | 142 | -45 | 122.0 | 307.0 | po | Au,Ag,Cu,Zn |
| 29 | | KAF-86-10 | 1986 | 180 | -45 | 87.1 | 209.0 | py,po,cp | Au,Ag,Cu,Zn |
| 30 | | KAF-86-11 | 1986 | 142 | -50 | 44.2 | 259.0 | py,po | Au,Ag |

## DRILLHOLE SUMMARY

| Map Drilling Location Number | Company Name | Company Drillhole Number | Date Drilled Completed | Bearing Azimuth Degrees | Initial Dip of Hole Degrees | Thickness of Overburden Feet | Total Length of Hole Feet | Mineralization Noted in Log | Assay Data Included for |
|---|---|---|---|---|---|---|---|---|---|
| 31 | KERR ADDISON MINES L | KAF-86-13 | 1986 | 142 | -45 | 36.0 | 306.0 | po,cp | Au,Ag |
| 32 | CENTRAL PATRICIA GOLD M | 14 | 1948 | 67 | -60 | 24.0 | 188.0 | cp,po | -- |
| | | 15 | 1948 | 67 | -45 | 33.0 | 273.0 | -- | -- |
| | | 30 | 1948 | 60 | -45 | 32.0 | 273.0 | -- | -- |
| | | 31 | 1948 | 60 | -45 | 38.0 | 282.0 | py | -- |
| | | 32 | 1948 | 72 | -70 | 14.0 | 346.0 | -- | -- |
| | | 33 | 1948 | 67 | -45 | 250.0 | 180.0 | -- | -- |
| | | 34 | 1948 | 67 | -60 | 32.5 | 340.0 | -- | -- |
| 33 | UMEX - INCO | C-37 | 1973 | -- | -- | -- | 348.0 | py,po,gf | -- |
| 34 | | C-38 | 1973 | -- | -- | -- | 490.0 | -- | -- |
| 35 | POWER EXPLORATION | FL-87-1 | 1987 | 135 | -45 | 17.0 | 377.0 | py,mag | Au |
| 36 | | KAW-86-1 | 1986 | 135 | -50 | 32.6 | 397.0 | py,po,cp,mag | Au |
| 37 | | KAW-86-2 | 1986 | 135 | -50 | 35.0 | 447.0 | mag | Au |
| 38 | | KAW-86-3 | 1986 | 135 | -51 | 25.7 | 447.0 | po,py,cp,mag | Au |
| 39 | | KAW-86-4 | 1986 | 135 | -50 | 42.8 | 717.0 | mag,py,tour, ank,grunerite | Au |
| 40 | | KAW-86-5 | 1986 | 135 | -50.5 | 51.3 | 447.0 | mag,cp,po,py, hem | Au |



GDF FORM 3

## DRILLHOLE SUMMARY

| Map Drilling Location Number | Company Name | Company Drillhole Number | Date Drilled Completed | Bearing Azimuth Degrees | Initial Dip of Hole Degrees | Thickness of Overburden Feet | Total Length of Hole Feet | Mineralization Noted in Log | Assay Dat Included for |
|---|---|---|---|---|---|---|---|---|---|
| 41 | POWER EXPLORATION | KAW-86-6 | 1986 | 135 | -50 | 49.6 | 447.0 | py,po,cp,hem | Au |
| 42 | | KAW-86-7 | 1986 | 135 | -51 | 35.3 | 617.0 | po,py,cp | Au |
| 43 | | KAW-86-8 | 1986 | 135 | -50 | 43.0 | 387.0 | po,py,cp,tour | Au |
| 44 | | KAW-86-9 | 1986 | 135 | -50 | 38.3 | 627.0 | ank,hem,mag, sp,py,po | Au |
| 45 | | KAW-86-10 | 1986 | 135 | -49.5 | 23.7 | 347.0 | po,mag,cp,po | Au |
| 46 | | KAW-86-11 | 1986 | 135 | -50 | 74.5 | 307.0 | py,po,cp,mag | Au |
| 47 | | KAW-86-12 | 1986 | 135 | -50 | 41.0 | 507.0 | hem,mag | Au |
| 48 | | KAW-86-13 | 1986 | 135 | -50 | 30.0 | 421.0 | po,py,cp,mag | Au |
| 49 | | KAW-86-14 | 1986 | 135 | -50 | 37.0 | 307.0 | py,po,cp | Au |
| 50 | | KAW-86-15 | 1986 | 135 | -52 | 54.0 | 297.0 | py,cp,po | Au |
| 51 | | KAW-86-16 | 1986 | 135 | -50 | 97.3 | 391.0 | mag,hem,py | Au |
| 52 | | KAW-86-17 | 1986 | 135 | -48 | 24.6 | 557.0 | cp,py,po | Au |
| 53 | | KAW-86-18 | 1986 | 135 | -51 | 37.5 | 357.0 | mag,py,cp,gn | Au |
| 54 | | KAW-86-19 | 1986 | 135 | -50 | 43.5 | 417.0 | cp,py | Au |
| 55 | | KAW-86-20 | 1986 | 135 | -51 | 13.7 | 312.0 | po,cp | Au |
| 56 | | KAW-86-21 | 1986 | 135 | -51.5 | 21.0 | 287.0 | po,cp | Au |
| 57 | | KAW-86-22 | 1986 | 135 | -50 | 30.0 | 572.0 | cp,po,py,mag | Au |

## DRILLHOLE SUMMARY

| Map Drilling Location Number | Company Name | Company Drillhole Number | Date Drilled Completed | Bearing Azimuth Degrees | Initial Dip of Hole Degrees | Thickness of Overburden Feet | Total Length of Hole Feet | Mineralization Noted in Log | Assay Data Included fo |
|---|---|---|---|---|---|---|---|---|---|
| 58 | POWER EXPLORATIONS | KAW-87-23 | 1987 | 135 | -50 | 19.5 | 597.0 | py,mag,po | Au |
| 59 | | KAW-87-24 | 1987 | 135 | -50.5 | 19.5 | 467.0 | py | Au |
| 60 | | KAW-87-1 | 1987 | 135 | -51 | 10.5 | 297.0 | po | Au |
| 61 | | KAW-87-2 | 1987 | 135 | -50 | 109.9 | 447.0 | po,cp | Au |
| 62 | | KAW-87-3 | 1987 | 315 | -49.5 | 60.0 | 357.0 | cp | Au |
| 63 | | KAW-87-4 | 1987 | 135 | -50 | 35.0 | 287.0 | cp | Au |
| 64 | | KAW-87-5 | 1987 | 135 | -50.5 | 27.0 | 477.0 | py,cp,po,asp tour | Au |
| 65 | | KAW-87-6 | 1987 | 135 | -52.5 | 32.0 | 648.5 | py | Au |
| 66 | | KAW-87-7 | 1987 | 135 | -45 | 56.0 | 427.0 | po | Au |
| 67 | | KAW-87-8 | 1987 | 135 | -45.5 | 64.0 | 357.0 | -- | Au |
| 68 | | KAW-87-9 | 1987 | 135 | -45 | 50.2 | 376.0 | po | Au |
| 69 | | KAW-87-10 | 1987 | 135 | -50 | 24.0 | 427.0 | py,po | Au |
| 70 | | KAW-87-11 | 1987 | 135 | -45 | 17.2 | 222.0 | -- | Au |
| 71 | | KAW-87-12 | 1987 | 135 | -45 | 60.5 | 223.0 | -- | Au |
| 72 | | KAW-87-13 | 1987 | 135 | -47.5 | 118.0 | 427.0 | cp | Au |
| 73 | | KAW-87-14 | 1987 | 135 | -46 | 27.0 | 260.0 | -- | Au |
| 74 | | KAW-87-15 | 1987 | 135 | -44 | 16.0 | 377.0 | py,po,cp | Au |

## DRILLHOLE SUMMARY

| Map Drilling Location Number | Company Name | Company Drillhole Number | Date Drilled Completed | Bearing Azimuth Degrees | Initial Dip of Hole Degrees | Thickness of Overburden Feet | Total Length of Hole Feet | Mineralization Noted in Log | Assay Data Included for |
|---|---|---|---|---|---|---|---|---|---|
| 75 | POWER EXPLORATION | KAW-87-16 | 1987 | 135 | -46.5 | 43.5 | 377.0 | -- | Au |
| 76 | | KAW-87-17 | 1987 | 135 | -45 | 12.0 | 197.0 | -- | Au |
| 77 | | KAW-87-18 | 1987 | 135 | -45 | 9.0 | 377.0 | py,po,cp | Au |
| 78 | | KAW-87-19 | 1987 | 135 | -46 | 59.0 | 227.0 | cp | Au |
| 79 | | KAW-87-20 | 1987 | 135 | -45 | 147.0 | 246.0 | -- | Au |
| 80 | | KAW-87-21 | 1987 | 135 | -45.5 | 48.5 | 362.0 | -- | Au |
| 81 | | KAW-87-22 | 1987 | 135 | -47 | 92.0 | 357.0 | -- | Au |
| 82 | | FL-87-2 | 1987 | 135 | -45 | 64.2 | 387.0 | mag,py,hem | Au |
| 83 | | FL-87-3 | 1987 | 135 | -45 | 11.0 | 437.0 | py,po,tour | Au |
| 84 | | FL-87-4 | 1987 | 135 | -45 | 58.0 | 247.0 | -- | Au |
| 85 | | FL-87-5 | 1987 | 135 | -45.5 | 79.0 | 217.0 | -- | Au |
| 86 | | FL-87-6 | 1987 | 135 | -45.5 | 60.0 | 357.0 | py,po,cp | Au |
| 87 | | FL-87-7 | 1987 | 135 | -45 | 59.0 | 482.0 | py,cp,po | Au |
| 88 | | FL-87-8 | 1987 | 135 | -45.5 | 96.0 | 487.0 | py | Au |
| 89 | | FL-87-9 | 1987 | 135 | -45.5 | 36.2 | 507.0 | sp,po,cp,mag, py,hem,gru-nerite | Au |
| 90 | | FL-87-10 | 1987 | 135 | -47 | 12.0 | 477.0 | py,mag | Au |

## DRILLHOLE SUMMARY

| Map Drilling Location Number | Company Name | Company Drillhole Number | Date Drilled Completed | Bearing Azimuth Degrees | Initial Dip of Hole Degrees | Thickness of Overburden Feet | Total Length of Hole Feet | Mineralization Noted in Log | Assay Data Included for |
|---|---|---|---|---|---|---|---|---|---|
| 91 | POWER EXPLORATION | FL-87-11 | 1987 | 135 | -45 | 12.5 | 497.0 | py | Au |
| 92 | | FL-87-12 | 1987 | 135 | -45 | 8.0 | 477.0 | -- | Au |
| 93 | | FL-87-13 | 1987 | 135 | -46.5 | 10.5 | 477.0 | -- | Au |
| 94 | | FL-87-14 | 1987 | 135 | -45.5 | 12.0 | 587.0 | py,po,cp | Au |
| 95 | | FL-87-15 | 1987 | 135 | -49 | 8.5 | 367.0 | py,po,mag | Au |
| 96 | | FL-87-16 | 1987 | 135 | -45.5 | 7.0 | 460.0 | py,po,cp | Au |
| 97 | | FL-87-17 | 1987 | 135 | -44.5 | 20.0 | 437.0 | py,po,cp,mag | Au |
| 98 | | FL-87-18 | 1987 | 135 | -44 | 119.0 | 207.0 | po | Au |
| 99 | | FL-87-19 | 1987 | 135 | -45.5 | 86.0 | 527.0 | py,po,cp | Au |
| 100 | | FL-87-20 | 1987 | 135 | -45 | 60.0 | 485.0 | py,po,mag,sp, cp,gt | Au |
| 101 | | FL-87-21 | 1987 | 135 | -45.5 | 80.0 | 462.0 | py,po,mag | Au |
| 102 | | FL-87-22 | 1987 | 135 | -45 | 72.0 | 485.0 | py,po,mag | Au |
| 103 | | FL-87-23 | 1987 | 135 | -45 | 12.0 | 614.0 | py,po,mag,cp | Au |
| 104 | | FL-87-24 | 1987 | 135 | -46.5 | 6.0 | 297.0 | py | Au |
| 105 | | FL-87-25 | 1987 | 135 | -46 | 13.0 | 477.0 | po,py,cp | Au |
| 106 | | FL-87-26 | 1987 | 135 | -45 | 7.0 | 507.0 | mag,po,py | Au |
| 107 | | FL-87-27 | 1987 | 135 | -45 | 26.8 | 237.0 | -- | Au |

GDIF FORM NO. 1

## DRILLHOLE SUMMARY

| Map Drilling Location Number | Company Name | Company Drillhole Number | Date Drilled Completed | Bearing Azimuth Degrees | Initial Dip of Hole Degrees | Thickness of Overburden Feet | Total Length of Hole Feet | Mineralization Noted in Log | Assay Data Included for |
|---|---|---|---|---|---|---|---|---|---|
| 108 | POWER EXPLORATION | FL-87-28 | 1987 | 135 | -43.5 | 6.0 | 517.0 | po,mag | Au |
| 109 | | FL-87-29 | 1987 | 135 | -47 | 52.0 | 334.0 | mag,po,py | Au |
| 110 | | FL-87-30 | 1987 | 135 | -52 | 52.0 | 387.0 | py,mag,po,hem | Au |
| 111 | | FL-87-31 | 1987 | 135 | 45.5 | 37.0 | 317.0 | py,mag | Au |
| 112 | | FL-87-32 | 1987 | 135 | 45.5 | 213.7 | 267.0 | -- | Au |
| 113 | | FL-87-33 | 1987 | 135 | -46 | 87.0 | 317.0 | py,po,mag | Au |
| 114 | | FL-87-34 | 1987 | 135 | -45.5 | 40.0 | 396.0 | py,po,gf,hem, mag | Au |
| 115 | | FL-87-35 | 1987 | 135 | -47 | 95.0 | 356.0 | mag,po | Au |
| 116 | | FL-87-36 | 1987 | 135 | -43 | 37.0 | 477.0 | mag,po,py | Au |
| 117 | | FL-87-37 | 1987 | 135 | -48 | 35.0 | 287.0 | po,mag | Au |
| 118 | | FL-87-38 | 1987 | 135 | -45 | 5.0 | 379.2 | po,py,mag | Au |
| 119 | | FL-87-39 | 1987 | 135 | -44 | 12.0 | 397.0 | py,mag | Au |
| 120 | | FL-87-40 | 1987 | 135 | -46.5 | 11.2 | 225.0 | po,mag | Au |
| 121 | | FL-87-41 | 1987 | 135 | -45 | 17.4 | 221.3 | -- | Au |
| 122 | | FL-87-42 | 1987 | 135 | -45 | 19.0 | 527.0 | mag,po,py,cp | Au |
| 123 | | FL-87-43 | 1987 | 135 | -47.5 | 16.0 | 527.0 | po,mag,gf,py | Au |
| 124 | | FL-87-44 | 1987 | 135 | -45.5 | 30.0 | 527.0 | po,py,mag | Au |

GDIF FORM No. 1

## DRILLHOLE SUMMARY

| Map Drilling Location Number | Company Name | Company Drillhole Number | Date Drilled Completed | Bearing Azimuth Degrees | Initial Dip of Hole Degrees | Thickness of Overburden Feet | Total Length of Hole Feet | Mineralization Noted in Log | Assay Data Included for |
|---|---|---|---|---|---|---|---|---|---|
| 125 | POWER EXPLORATION | FL-87-45 | 1987 | 135 | -45.5 | 40.6 | 357.0 | mag,hem | Au |
| 126 | | FL-87-46 | 1987 | 135 | -46 | 24.0 | 337.0 | mag,po | Au |
| 127 | | FL-87-47 | 1987 | 135 | -45 | 6.0 | 359.0 | po,py,mag | Au |
| 128 | | FL-87-48 | 1987 | 135 | -- | 22.0 | 247.0 | -- | Au |
| 129 | | FL-87-49 | 1987 | 135 | 49 | 146.2 | 188.0 | -- | Au |
| 130 | | FL-87-50 | 1987 | 135 | -46 | 50.0 | 377.0 | py,mag | Au |
| 131 | | FL-87-51 | 1987 | 135 | -47 | 60.0 | 377.0 | py,po,mag,gf | Au |
| 132 | | FL-87-52 | 1987 | 135 | -45 | 78.0 | 387.0 | -- | Au |
| 133 | | FL-87-53 | 1987 | 135 | -45 | 120.0 | 418.0 | po,mag | Au |
| 134 | | FL-87-54 | 1987 | 135 | -45.5 | 26.0 | 339.0 | -- | Au |
| 135 | | FL-87-55 | 1987 | 135 | -46.5 | 23.7 | 329.5 | -- | Au |
| 136 | | FL-87-56 | 1987 | 135 | -46 | 64.4 | 327.0 | po,mag | Au |
| 137 | | FL-87-57 | 1987 | 135 | -45.5 | 65.6 | 244.7 | mag,tour,po | Au |
| 138 | | FL-87-58 | 1987 | 135 | -46 | 59.1 | 347.0 | mag,py,po | Au |
| 139 | | FL-87-59 | 1987 | 135 | -48 | 75.0 | 397.0 | py,mag | Au |
| 140 | | FL-87-60 | 1987 | 135 | -46 | 57.0 | 417.0 | py | Au |
| 141 | | FL-87-61 | 1987 | 135 | -46 | 60.0 | 377.0 | py,po,mag | Au |

GDF FORM [illegible]

## DRILLHOLE SUMMARY

| Map Drilling Location Number | Company Name | Company Drillhole Number | Date Drilled Completed | Bearing Azimuth Degrees | Initial Dip of Hole Degrees | Thickness of Overburden Feet | Total Length of Hole Feet | Mineralization Noted in Log | Assay Data Included for |
|---|---|---|---|---|---|---|---|---|---|
| 142 | POWER EXPLORATIONS | FL-87-62 | 1987 | 135 | -45 | 50.0 | 407.0 | py,mag,po | Au |

# AIRBORNE GEOPHYSICAL SURVEY DATA

| No. | By / For | Type of Survey | Flight Altitude | Flight Line Direction | Flight Line Spacing |
|---|---|---|---|---|---|
| N | BY SEIGAL ASSOCIATES L<br>FOR CONWEST EXPLORATION C L<br>(52P/12SE-0011) | MAGNETIC AND ELECTROMAGNETIC | 170' | N15°W<br>N60°W | 660' |
| W | BY SPARTAN AERO<br>FOR UNION MINIERE C L<br>CONWEST EXPL C L<br>CANADIAN NICKEL C L<br>(52P/12SE-0010) | MAGNETIC AND ELECTROMAGNETIC | 150' | N41°W | 1/4 mile |
| AH | BY DIGHEM SURVEYS & PROCESSING<br>FOR KERR ADDISON MINES L<br>(52P/12SW-0026) | MAGNETIC AND ELECTROMAGNETIC | 26m<br>41m<br>48m | 145/325° | 125 meters |
| AI | BY DIGHEM SURVEYS & PROCESSING<br>FOR KERR ADDISON MINES L<br>(52P/12SW-0025) | MAGNETIC AND ELECTROMAGNETIC | 26m<br>41m<br>48m | 145/325° | 125 meters |

GDIF FORM NO

## GEOCHEMICAL SURVEY DATA

| Map Sample Site Reference Number | Type of Survey | Analysis For | By | Reference |
|---|---|---|---|---|
| AD | ROCK GEOCHEMICAL | AU | VAN HORNE GOLD | 52P/12SW-0021 |

## GEOCHEMICAL SURVEY DATA

| Map Sample Site Reference Number | Type of Survey | Analysis For | By | Reference |
|---|---|---|---|---|
| | | | | |

GDIF FORM NO. 5

# MISCELLANEOUS DATA

## AGE DATING

| Site | Method | Material | Reference | Result |
|---|---|---|---|---|
| No Data as of August 17, 1987 | | | | |

# NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office.

SIOUX LOOKOUT

MOSS RESOURCES - Northern Miner, July 14, 1986

VAN HORNE GOLD - Northern Miner July 28, 1983
Oct. 1983
May 3, 1984
June 13, 1985
July 14, 1986
- George Cross Newsletter Nov. 20, 1984

GDM FORM NO. 7

# ODM GENERAL INDEX SEARCH

**Words searched:** McCullagh Tp - Firstloon Lake Area, Secondloon Lake, Badesdawa River, Kawinogans River, Kaw Crow Patricia Gold Mines, Crowshore Patricia Gold Mines.

| Index Volume | Listing | Report Volume | Part | Page |
|---|---|---|---|---|
| III | Geology of the Eastern Extension of the Crow River Area | XLVIII | VII | p.1-9 |
| III | Pickle Lake-Crow River Area (District of Kenora) (Patricia Portion). | XXXIX | II | p.1-35 |
| IV | Geology of the Pashkokogan-Misehkow Lake Area | XLII | VI | p.1-20 |
| III | The Crow River Area | XLVII | III | p.1-65 |

GDP FORM No. 8

# ODM GENERAL INDEX SEARCH

Words searched:

| Index Volume | Listing | Report Volume | Part | Page |
|---|---|---|---|---|
| | | | | |

FIRST LOON LAKE AREA

GDIF FORM NO. 8

## SELECTED REFERENCES

| Author | Date | Title | Reference | Map Scales and/or Report Pages |
|---|---|---|---|---|
| SAGE, R. P. | 1982 | Geology of the Cat Lake-Pickle Lake Area, Districts of Kenora and Thunder Bay; Ontario Geological Survey, Report 207, 238p., Accompanied by Map 2218, and Charts A,B,&C. | GR 207<br>Map 2218 | 1:253,440 |
| O.D.M. | 1970 | Ontario Geological Map, West Central Sheet, Map 2199. | Map 2199 | 1"=16 miles<br>1:1,013,760 |
| O.D.M. | 1939 | Eastern Extension of Crow River Area, Map 48f. | Map 48f | 1"=2 miles<br>1:126,720 |
| O.D.M. | 1938 | Crow River Area, District of Kenora, Patricia Portion, Map 47B. | Map 47B | 1:12,000 |
| O.D.M. | 1933 | Pashkokogan-Misehkow Area, District of Thunder Bay, Map 42e. | Map 42e | 1"=4 miles<br>1:253,440 |
| O.D.M. | 1930 | Pickle Lake-Crow River Area, Map 39a | Map 39a | |
| Stott, G. M.<br>Brown, G. H.<br>Coleman, V. J.<br>Green, G. M.<br>Reilly, B. A. | 1987 | Precambrian Geology of the Pickle Lake Area Eastern Part, District of Kenora (Patricia Portion), O.G.S. Map P.3057, Geological Series-Preliminary Map. | P.3057 | 1:50,000 |
| Springer, Janet | 1978 | Ontario Mineral Potential Miminiska Lake Sheet, Districts of Thunder Bay and Kenora (Patricia Portion); O.G.S. Preliminary Map P.1541, Mineral Deposit Series | P.1541 | 1:250,000 |
| Palonen, P. A.<br>Speed, A. A. | 1977 | Firstloon Lake Area, District of Kenora (Patricia Portion); O.G.S. Preliminary Map P.1499, Sioux Lookout Data Series. | P.1499 | 1"=1/4 mil<br>1:15,840 |

GDIF FORM NI

## SELECTED REFERENCES

| Author | Date | Title | Reference | Map Scales and/or Report Pages |
|---|---|---|---|---|
| Sage, R. P.<br>Breaks, F. W.<br>Troup, W. R. | 1973 | Operation Pickle Lake, Achapi Lake-Misehkow River Sheet, District of Kenora (Patricia Portion); O.D.M. Preliminary Map P.809, Geological Series. | P.809 | 1"=2 miles |
| Robertson, James A.<br>Vos, M. A.<br>Springer, Janet S. | 1976 | Mineral Potential Map of Ontario 1976; West Central Sheet; O.D.M. Preliminary Map P.1098 Mineral Deposits Series. | P.1098 | 1"=16 miles<br>1:1,013,760 |
| Riley, R. A.<br>King, H. L.<br>Kustra, C. R. | 1973 | Summary of Airborne Geophysical Data for Northwestern Ontario; O.D.M. Preliminary Map P.845, Data Series. | P.845 | 1"=16 miles |
| Meyn, H. D.<br>Robertson, James A. | 1975 | Iron Deposits of Ontario, West Central Sheet Districts of Kenora (Patricia Portion), Thunder Bay, Algoma and Cochrane; O.D.M., Preliminary Map P.1041, Mineral Deposits Series. | P.1041 | 1"=16 miles<br>1:1,013,760 |
| G.S.C. | 1961 | Geology of the Miminiska Lake Area, Ontario | Map 8-1961 | 1"=4 miles<br>1:253,440 |
| G.S.C. | 1964 | Geochemistry (Copper in Bedrock) Miminiska Area, Ontario. | Map 54-1963 | 1"=4 miles<br>1:253,440 |
| O.G.S. | 1986 | Airborne Electromagnetic and Total Intensity Magnetic Survey, Pickle Lake Area (Patricia Portion) Ontario; by Geoterrex Limited, for O.G.S., Geophysical/Geochemical Series. | Maps 80925<br>80928<br>80933 | 1:20,000 |
| Sage, R. P.<br>Breaks, F. W. | 1976 | Operation Pickle Lake, Districts of Kenora, Patricia Portion, and Thunder Bay; O.D.M., Open File Report 5180, 531p, 2 appendices, and 7 Charts. | O.F.R. 5180 | |

## SELECTED REFERENCES

| Author | Date | Title | Reference | Map Scales and/or Report Pages |
|---|---|---|---|---|
| Pye, E. G. | 1976 | Geology of the Crow River Area, District of Kenora (Patricia Portion); O.D.M. Open File Report 5152, 264p, 7 tables, 16 figures. | O.F.R. 5152 | |
| Stott, G. M. | 1986 | Regional Geology and Structure of the Pickle Lake Metavolcanic Belt, District of Kenora, Patricia Portion; p.9-14 in Summary of Field Work and Other Activities 1986, by the O.G.S., (edited by P. C. Thurston, Owen L. White, R. B. Barlow, M. E. Cherry and A. C. Colvine, O.G.S.), Miscellaneous Paper 132, 435p. | M.P. 132 | |
| Stott, G. M.<br>Brown, G. H. | 1986 | Economic Geology of the Pickle Lake Metavolcanic Belt, District of Kenora Patricia Portion; p.15-19 in Summary of Field Work and Other Activities 1986, by the O.G.S, (edited by P. C. Thurston, Owen L. White, R. B. Barlow, M. E. Cherry and A. C. Colvine O.G.S.) Miscellaneous Paper 132, 435p. | M.P. 132 | |
| O.D.M. | 1969 | Copper, Nickel, Lead and Zinc Deposits of Ontario, Mineral Resources Circular No. 12, edited by Roman Shklanka, p.187-188. | M.R.C. 12 | |
| O.D.M. | 1968 | Iron Deposits of Ontario, Mineral Resources Circular No.11 edited by Roman Shklanka, p.227. | M.R.C. 11 | |

## NOTES AND ADDENDA

No Data as of August, 1987

51 37 30

90 00 00

Kawinogans

K

R

R

A

A

A

AM

AM

J

AM

AM

D

AM

AM

AM

AM

AM

AH

AM

I

M

AM

AM

AL

River

AL

AL

AL

AL

AM

AJ

AJ

AH

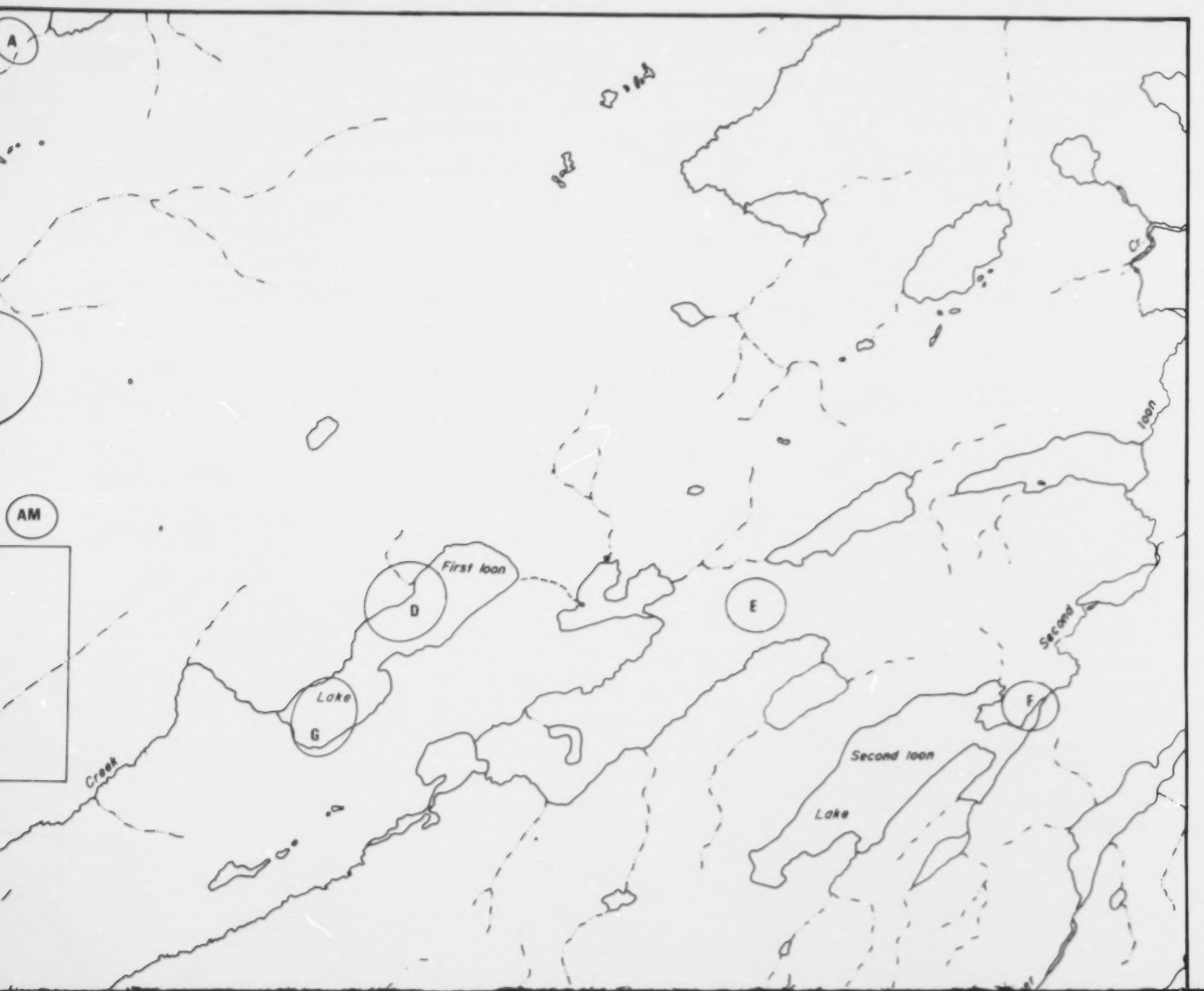
Creek

First loon

D

Lake

G




Ministry of
Northern Development
and Mines

Ontario

Sean Conway, Minister of Mines

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 431

(Map 1 of 3)

# FIRST LOON LAKE AREA

DISTRICT OF KENORA(PATRICIA PORTION)

Scale 1 31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

AL
AL
AL
AL
AL
AL
AM
AJ
AH
AJ
G
River
Creek
U
AH
AJ
AH
AJ
AJ
AJ
AJ
B
S.T
Kawinogans
First Ioon
AJ
AJ
U
AH
Q
Creek
AI
McCullagh Twp
AJ
AI
McCullagh
Q

Second Ioon

Lake

Creek

Badesdawa River

G

AJ

AJ

89 45 00"

51 30 00"

## EXPLORATION DATA FILE AREAS

■ Ⓐ Ⓑ Reference letter is always inside work area outlined. See listing in text pages.

□ x ④ Small area exploration.

■ Ⓐ Refers to an area of drilling.

51 37 30"

90 00 00"

Y

AE

AF

AB

Kawinagans

L

AF

AC
AG

N

First loon

V

N

Lake

Creek

AK

AD
AE

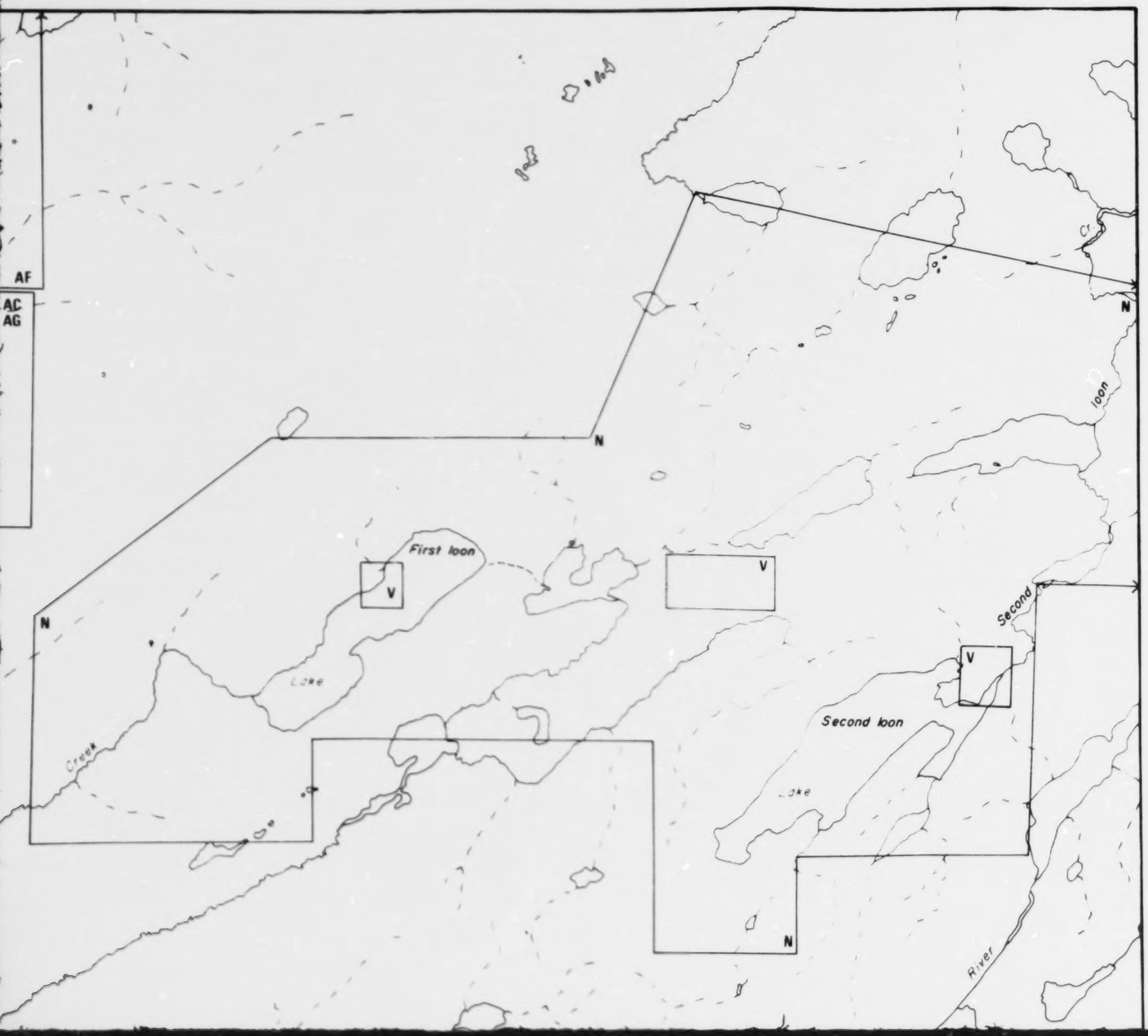
AC
AG

River

P

C

loon

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ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 431

(Map 2 of 3)

# FIRST LOON LAKE AREA

DISTRICT OF KENORA(PATRICIA PORTION)

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

AK

AD
AE

AC
AG

River

P

P

H

C

Creek

Loon

First

AD
AE

Kawinogans

AB

AB

Z

McCullagh Twp

O

O

Z

McCullagh

O

Creek

Second loon

Lake

N

Badesdowa River

89 45'00"

51 30'00"

## EXPLORATION DATA FILE AREAS

■ Ⓐ Ⓑ Reference letter is always inside work area outlined. See listing in text pages.

□ x ④ Small area exploration.

■ A Refers to an area of drilling.

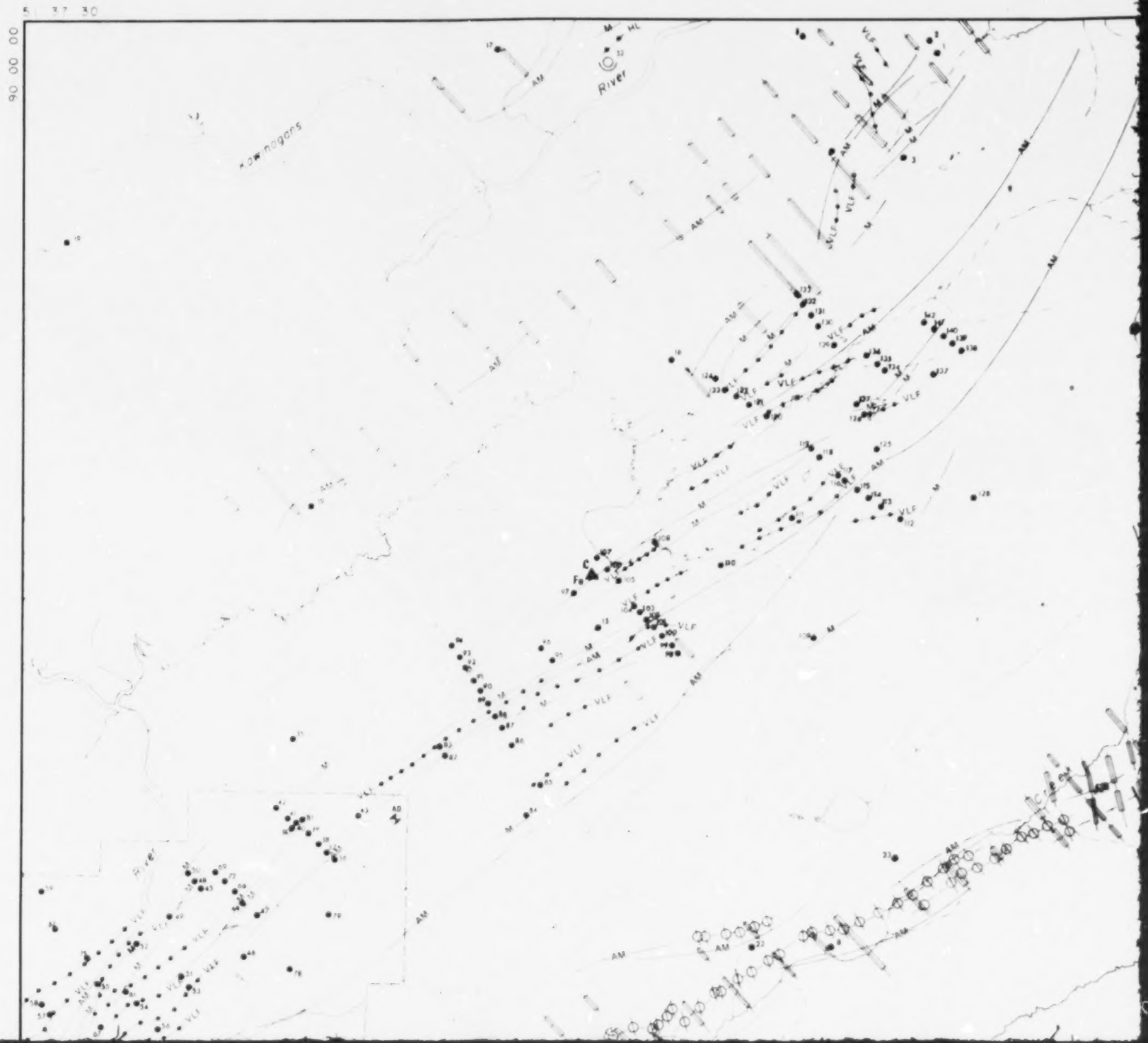
TYPES OF DATA SHOWN ON THIS MAP

## GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

- Geochemical sample site with reference number
- Area of geochemical sampling with reference number
- Age dating mineral sampling site with reference number

## GEOPHYSICAL ANOMALIES

- AM — Airborne magnetic anomaly
- Airborne electromagnetic anomaly (Length of anomaly along flight line)
- Airborne electromagnetic anomaly (Location of anomaly along flight line)
- Airborne electromagnetic anomaly (Conductor axis: definite, probable, possible)
- ARA — Airborne radiometric anomaly
- M — Ground magnetic anomaly
- VL — Ground electromagnetic anomaly (VL: Vertical loop; HL: Horizontal loop; VLF: Very low freq. Turam; JEM: Crone Em - 16)
- RA — Ground radiometric anomaly
- IP — Induced polarization anomaly
- SP — Self potential anomaly
- AFMAG — Audio frequency magnetic anomaly (total intensity)



51 37 30

89 45 00

River

First loon

Lake

Second loon

Second

Loon

Lake

River

Zn, Cu

FIR

Mile

TYPE

51 37 30

89 45 00

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ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 431

(Map 3 of 3)

# FIRST LOON LAKE AREA

DISTRICT OF KENORA(PATRICIA PORTION)

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

## GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

### MINERAL OCCURRENCES

- cp A — Mineral occurrence at surface, with reference letter
- Au A 84 — Mineral occurrence with shaft, depth given with reference letter
- Ag A — Mineral occurrence reported but exact location uncertain, with reference letter

Length of anomaly along flight line

Airborne electromagnetic anomaly
Location of anomaly along flight line

Airborne electromagnetic anomaly
Conductor axis: definite, probable, possible

ARA — Airborne radiometric anomaly

M — Ground magnetic anomaly

VL — Ground electromagnetic anomaly
(VLI Vertical loop, HL Horizontal loop
VLF Very low freq. Turam, JEM
Crone Em. 16)

GRA — Ground radiometric anomaly

IP — Induced polarization anomaly

SP — Self potential anomaly

AFMAG — Audio frequency magnetic anomaly
(total intensity)

R — Resistivity anomaly

GR — Gravity anomaly

## MISCELLANEOUS DATA

Drill hole (p)

Adit

Open cut

Rock quarry

Sand and gravel pit

► NOTE - Consult the text that accompanies this map for pertinent
info on data, references, and abbreviations

First loop

Q-HI

5° 30' 00"

Lake

Second loon

Lake

First loon

AM

VLF

89 45 00

51 30 00

Mile 0.5 0 0.5 1 Mile

## GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

### MINERAL OCCURRENCES

- cp A — Mineral occurrence at surface, with reference letter
- Au A 84 — Mineral occurrence with shaft, depth given with reference letter
- Ag A — Mineral occurrence reported but exact location uncertain, with reference letter
- cp A — Mineralized float with reference letter

### DRILLHOLE

- Location of single drillhole, with reference number
- Location of closely spaced group of drillholes, with reference number
- Drillhole, exact location uncertain, with reference number
- Property with underground drillholes in this general area, with reference number
- Property with drillholes which have not been plotted on map, with reference number
- Reverse circulation (pulverizing, chum drilling), with reference number